

United States of America  
Department of Transportation -- Federal Aviation Administration  
**Supplemental Type Certificate**

*Number* SA02245CH

*This certificate issued to*

Joe's Aircraft Mods. LLC  
1416 174 th Ave.  
New Richmond, WI 54017

*certifies that the change in the type design for the following product with the limitations and conditions therefor as specified hereon meets the airworthiness requirements of Part \* of the \* Regulations.*

*Original Product--Type Certificate Number:*

\*See attached FAA Approved Model List (AML)

*Make:*

\*No. SA02245CH for list of approved airplane models and

*Model:*

\*applicable airworthiness regulations

*Description of Type Design Change:*

Installation of a MT-Propeller model MTV-15-() propeller and P-237-12 or P-277-B spinner assembly in accordance with Joe's Aircraft Mods. LLC Report No. JAC-001, Rev. A, dated April 30, 2008 or later FAA approved revision.

*Limitations and Conditions:*

1. The diameter limits of the MTV-15-() propeller are 82.7" (210cm) max., and 79.7" (203cm) min.
2. All approved aircraft models are required to have a Lycoming O-360-A1A, -A1C, -A1D, -A1F, -A1G, -A1H, -A1P, -B1B, -C1A, -C1C, -C1F, or -C1G engine installed (except as noted in Limitation 3).
3. Propeller installation is approved for Cessna 175 series aircraft with Lycoming IO-360 engine installation if engine is Installed in accordance with STC SA02282AK.
4. For Cessna 172 series aircraft, refer to JAC-001 for nose fork and tire installation to obtain proper propeller ground clearance.
5. Compatibility of this design change with previous modifications must be determined by the installer.
6. A copy of this certificate must be maintained as part of the permanent records for the modified aircraft.
7. If the holder agrees to permit another person to use this certificate to alter the product, the holder shall give the other person written evidence of that permission.

(See continuation sheet page 3 of 3)

*This certificate and the supporting data which is the basis for approval shall remain in effect until surrendered, suspended, revoked or a termination date is otherwise established by the Administrator of the Federal Aviation Administration.*

*Date of application:* December 12, 2005

*Date reissued:*

*Date of issuance:* January 16, 2007

*Date amended:* May 1, 2008

*By direction of the Administrator*



(Signature)

Thaddeus D. Krolicki Jr.  
Manager, Propulsion Branch  
Chicago Aircraft Certification Office

(Title)

Any alteration of this certificate is punishable by a fine of not exceeding \$1,000, or imprisonment not exceeding 3 years, or both.

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**Supplemental Type Certificate**  
(Continuation Sheet)

*Number* SA02245CH

*Limitations and Conditions:*

8. Propeller installation is approved for specified aircraft with floats installed as listed in the following table:

Float Model	STC Reference	Cessna Model Eligibility
Baumann BF2550 series	SA00795CH	172A,B,C,D,E,F,G,H,I,K,L,M,N,P, 175, 175A, 175B
Baumann BF2550A series	SA01815CH	172A,B,C,D,E,F,G,H,I,K,L,M,N,P, 175, 175A
Aqua 2200 series	SA1168SO	172D,E,F,G,H,I,K,L,M,N,P, 175, 175A,B,C
Aqua 2400 series	SA665CE	172B,C,D,E,F,G,H,I,K,L,M,N, 175, 175A,B
CAP 2000 series	SA62-7	172A,B,C,D,E,F,G,I,K,L,M
EDO 2000 series	SA647CE	172I,K,L,N,M
EDO 2000 series	SA420CE	172D,E,F,G,H
EDO 2130 series	SA584NW	172I,K,L,M,N,P
PK 2300 series	SA1000EA	172I,K,L,M,N
PK 2300 series	SA604AL	170B
PK 2300 series	SA602AL	170B
PK 2300 series	SA603AL	170B
PK 2300 series	SA358NW	172A,B,C,D,E,F,G,H,I,K,L,M,N
PK B2300 series	SA1000EA	172I,K,L,M,N
Wipline 2100 series	SA00804CH	170A,B
Wipline 2100 series	SA00674CH	172A,B,C,D,E,F,G,H,I,K,L,M,N,P, 175
Wipline 2100 series	SA00804CH	170A,B
Wipline 2350 series	SA00900CH	172D,E,F,G,H,I,K,L,M,N,P, 175A,B,C, P172D

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